

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Domány, et al.

Group Art Unit: Not yet assigned

Serial No.: 10/761,940

Examiner: Not yet assigned

Filed: January 21, 2004

For: Piperidine Derivatives as NMDA Receptor
Antagonists

Attorney Docket No.: 1000546-0003

Assistant Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

The Applicants and their attorney are aware of patents, publications or other information that relate to the current application and are cited on the attached PTO Form 1449. In accordance with 37 CFR § 1.97, Applicants hereby submit these forms for the Examiner's consideration.

This statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publication herein be construed *per se* as a representation that such publication is prior art. Moreover, Applicant understands that the Examiner will make an independent evaluation of the cited publications.

No additional costs are believed to be due in connection with the filing of this Information Disclosure Statement. However, please charge any necessary fees in connection with the enclosed statement to our Deposit Order Account No. 122144.

Respectfully submitted,

LORD, BISSELL & BROOK LLP

A handwritten signature in black ink, appearing to read "Matthew O. Brady", is written over the printed name and firm information.

Matthew O. Brady

Registration No. 44,554

LORD, BISSELL & BROOK LLP

115 South LaSalle Street

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312-443-0616

Date: February 18, 2004



Approved for use through 07/31/2006. OMB 0651-0031

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Sheet	1	of	10
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Complete if Known

Application Number	10/761,940
Filing Date	January 21, 2004
First Named Inventor	Gyorgy Domány
Art Unit	n/a
Examiner Name	n/a
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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

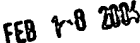
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				
✓	B5	AU-A-70939/91 A	05-09-1991	Yoshin. Higuchi		
✓	6	DE 254 999	03-05-1912	Dürkopp & Co.		
✓	7	NL 6501323	08-03-1966	Fisons Pest Con		
✓	8	WO90/14087 A1	11-29-1990	Pfizer, Inc.		
✓	9	WO90/14088 A1	11-29-1990	Pfizer, Inc.		
✓	10	WO97/23202 A1	07-03-1997	State of Oregon		

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✓	11	WO97/23214 A1	07-03-1997	Warner-Lambert		
✓	12	WO97/23215 A1	07-03-1997	W-L. & Cocensys		
✓	13	WO97/23216 A1	07-03-1997	W-L. & Cocensys		
✓	14	WO97/23458 A1	07-03-1997	W-L. & Cocensys		
✓	15	WO98/18793 A1	05-07-1998	Merck Patent		
✓	16	WO99/21539 A1	05-06-1999	Warner-Lambert		

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✓	17	WO00/00197 A1	01-06-2000	Warner-Lambert		
✓	18	WO00/25109 A1	05-04-2000	Scofield, et al		
✓	19	WO01/30330 A2	05-03-2001	Merck Sharp & D		
✓	20	WO01/32171 A1	05-10-2001	Merck & Co.		
✓	21	WO01/32174 A1	05-10-2001	Merck & Co.		
✓	22	WO01/32177 A1	05-10-2001	Merck & Co.		

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NON PATENT LITERATURE DOCUMENTS

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✓	C4	BARTA, THOMAS, E., et al., Synthesis and Activity of Selective MMP Inhibitors with an Aryl Backbone, Bioorg. Med. Chem. Lett., (2000), pp. 2815-2817, Vol. 10.	
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✓	11	CHAPLEO, C.B., et al., Heteroaromatic Analogues of the •2-Adrenoreceptor Partial Agonist Clonidine, J. Med. Chem., (1989), pp. 1627-1630, Vol. 32.	
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✓	14	CLARK, R.L., and PESSOLANO, A.A., Synthesis of Some Substituted Benzimidazolones, J. Amer. Chem. Soc., (1958), pp. 1657-1662, Vol. 80.	
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✓	21	EL KIHIL, A., et al., Reaction of Aminobenzimidazoles with 4-Hydroxy-6-methyl-2-pyrone and 4-Hydroxycoumarine, Synth. Commun., (1999), pp. 2434-2444, Vol. 29.	
✓	22	FADEN, A.I., et al., Effects of Competitive and Non-Competitive NMDA Receptor Antagonists in Spinal Cord Injury, Eur. J. Pharmacol., (1990), pp. 165-174, Vol. 175.	
✓	23	HARTMANN, M., and PANIZZON, L., Über die Darstellung des Amino-isatins und einiger Derivate, Helv. Chim-Acta, (1936), pp. 1326-1333, Vol. 19.	

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✓	24	HELSLEY, G.C., et al., Piperidylalkylindoles. 1. Hypotensive Activity of 3-[2-(Phenoxy piperidyl)ethyl]indoles, J. Med. Chem., (1978), pp. 309-312, Vol. 21.	
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✓	34	KAO, J.P.Y., Practical Aspects of Measuring [Ca ²⁺] with Fluorescent Indicators, Meth. Cell. Biol., (1994), pp. 155-181, Vol. 40.	
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✓	36	KAUFMANN, H.P., Arzneimittelsynthetische Studien IX: Benzthiazolylharnstoffe (Mitbearbeitet von P. Schulz), Arch. Pharm., (1935), p. 31-53, Vol. 13.	
✓	37	LIPTON, STUART A., Neuronal Injury Associated with HIV-1: Approaches to Treatment, Annu. Rev. Pharmacol. Toxicol., (1998), pp. 159-177, Vol. 38.	
✓	38	LUTFY, KABIRULLAH, et al., Inhibition of Murphine Tolerance by NMDA Receptor Antagonists in the Formalin Test, Brain Res., (1996), pp. 171-181, Vol. 731.	
✓	39	MANABE, Y., et al., Enhanced Fos Expression in Rat Lumbar Spinal Cord Cultured with Cerebrospinal Fluid From Patents....., Neurol. Res., (1999), pp. 309-312, Vol. 21.	
✓	40	MERCER, L.D., et al., I-Ifenprodil: Synthesis and Characterization of Binding to a Polyamine-Sensitive Site....., J. Neurochem., (1993), pp. 120-126, Vol. 61.	
✓	41	MONGE, A., et al., Synthesis of New Oxazolidine, Oxazolidin-2-one and Perhydro-1,4-oxazine Derivatives of, J. Heterocycl. Chem., (1995), pp. 1429-1438, Vol. 32.	
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✓	43	OKIYAMA, K., et al., Effects of the NMDA Antagonist CP-98-113 on Regional Cerebral Edema and Cardiovascular, ..., Brain Res., (1998), pp. 291-298, Vol. 792.	

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Sheet 9 of 10	Application Number	10/761,940
	Filing Date	January 21, 2004
	First Named Inventor	Gyorgy Domány
	Art Unit	n/a
	Examiner Name	n/a
		Attorney Docket Number 1000546-0003

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
✓	44	PARSONS, W., DANYSZ, W. and QUACK, G., Glutamate in CNS Disorders as a Target for Drug Development: An Update, Drug News Perspect., (1998), pp. 523-569, Vol. 11.	
✓	45	PEREZ, M., et al., Synthesis, Binding Affinity and Intrinsic Activity of New Anilide Derivatives of Serotonin at Human 5-HT1D..., Eur. J. Med. Chem., (1997), 129-134, Vol. 32.	
✓	46	RAJAPPA, S. and SHENOY, S.J., Quinone-imides: Regiospecificity of Nucleophilic Attack on N-alkanesulphonyl-N1-alkanoyl 1,..., Tetrahedron, (1986), pp. 5739-5746, Vol. 42.	
✓	47	REINERT, M.M. and BULLOCK, R., Clinical Trials in Head Injury, Neurol. Res., (1999), pp. 330-338, Vol. 21.	
✓	48	ROTHMAN, S.M. and OLNEY, J.W., Excitotoxicity and the NMDA Receptor, TINS, (1987), pp. 299-302, Vol. 10.	
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✓	52	SHRIDHAR, D.R., et al., Potential Diuretics: Part I-Synthesis of Some Substituted 2,4-Dihydro-1-oxo/thioxo[1,2,4]triazolo..., Indian J. Chem., (1984), pp. 1279-1283, Vol. 23B.	
✓	53	SHRIDHAR, D.R., et al., Synthesis & Anthelmintic Activity of Some New 6- & 7-Isothiocyanato-2H-1,4-benzoxa(thia)...., Indian J. Chem., (1985), pp. 1263-1267, Vol. 24B.	

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✓	54	SINGH, A.K., and KANVAH, S., Photophysical Studies of Substituted 1,2-diarylethenes: twisted Intramolecular....., J. Chem. Soc. Perkin Trans., (2001), pp. 395-401, Vol. 2.	
✓	55	STEECE-COLLIER, K., et al., Antiparkinsonian Actions of CP-101,606, an Antagonist of NR2B Subunit-Containing N-Methyl-D-....., Exp. Neurol., (2000), pp. 239-243, Vol. 163.	
✓	56	TCHANI, G., et al., Evaluation of Inhibitory Calcic Activity of a Series of Diethylbenzylphosphonates, Eur. J. Med. Chem., (1992), pp. 845-850, Vol. 27.	
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✓	58	TURSKI, L., et al., Muscle Relaxant and Anticonvulsant Activity of 3-(")-2-carboxypiperazin-4-yl)-propyl-1-phosphonic....., Neurosci. Lett., (1987), pp. 143-148, Vol. 73.	
✓	59	WARRENER, R.N., et al., A Concise, Regio and Stereoselective Route to Fluorinated Protoberberines via Tandem Addition-....., Tetrahedron, (1998), pp. 7485-7496, Vol. 54.	
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✓	61	WHEELER, A.S., and SMITH, S.C., Direct Conversion of Derivatives of Dichloro-acetic Acid into Derivatives of....., J. Amer. Chem. Soc., (1923), pp. 1994-1999, Vol. 45.	
✓	62	WOO BAE, J., et al., Chemoselective Reduction of Nitroaromatics to Anilines Using Decaborane in Methanol, Tetrahedron Lett., (2000), pp. 175-177, Vol. 41.	
✓	63	ZHOU, ZHANG-LIN and KEANA, J.F.W., A Practical Synthesis of 4-(Substituted-benzyl)piperidines and (")-3-(Substituted-benzyl)...., J. Org. Chem., (1999), pp. 3763-3766, Vol. 64.	

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